

DAFTAR PUSTAKA

1. Yani, ariefa primair; Ruyani, A.; Yenita; Ansyori, I.; Irwanto, R.: The Potential Test of Sungkai Young Leaves (*Peronema Canescens*) to Maintain Goodhelth (Immunity)in Mice (*Mus Musculus*). *Tesis UNIB* 2012, 5, 245–250.
2. Prasiwi, D.; Sundaryono, A.; Handayani, D. Aktivitas fraksi etanol dari ekstrak daun *Peronema canescens* terhadap tingkat pertumbuhan I. *Jurnal Pendidikan dan Ilmu Kimia* 2018, 2 (1), 25–32.
3. Latief, M.; Sari, P. M.; Fatwa, L. T.: Antidiabetic Activity of Sungkai (*Peronema Canescens* Jack) Leaves Ethanol Extract on the Male Mice Induced Alloxan Monohydrate. *Pharmacology and Clinical Pharmacy Research* 2021, 6 (2), 64–74.
4. Latief, M.; Tarigan, I. L.; Sari, P. M.; Aurora, F. E. Aktivitas Antihiperurisemia Ekstrak Etanol Daun Sungkai (*Peronema Canescens* Jack) Pada Mencit Putih Jantan. *Pharmacon: Jurnal Farmasi Indonesia* 2021, 18 (1), 23–37.
5. Subeki; Matsuura, H.; Yamasaki, M.; Yamato, O.; Maede, Y.; Katakura, K.; Suzuki, M.; Trimurningsih; Chairul; Yoshihara, T.: Effects of Central Kalimantan Plant Extracts on Intraerythrocytic *Babesia Gibsoni* in Culture. *Journal of Veterinary Medical Science* 2004, 66 (7), 871–874.
6. Rafi, M.: Quality Control Methods for Some Zingiberaceous Plants from Indonesia Using Liquid Chromatography Combined with Chemometrics, Gifu University, 2016, Vol. 15.
7. Sultana, B.; Anwar, F.; Ashraf, M.: Effect of Extraction Solvent/Technique on the Antioxidant Activity of Selected Medicinal Plant Extracts. *Molecules* 2009, 14 (6), 2167–2180.
8. Siddhuraju, P.; Becker, K.: Antioxidant Properties of Various Solvent Extracts of Total Phenolic Constituents from Three Different Agroclimatic Origins of Drumstick Tree (*Moringa Oleifera* Lam.) Leaves. *Journal of Agricultural and Food Chemistry* 2003, 51 (8), 2144–2155.
9. Markom, M.; Hasan, M.; Daud, W. R. W.; Singh, H.; Jahim, J. M.: Extraction of Hydrolysable Tannins from *Phyllanthus Niruri* Linn.: Effects of Solvents and Extraction Methods. *Separation and Purification Technology* 2007, 52 (3), 487–496.
10. Dunn, W. B.; Ellis, D. I.: Metabolomics: Current Analytical Platforms and Methodologies. *TrAC - Trends in Analytical Chemistry* 2005, 24 (4), 285–294.
11. Abu Bakar Sajak, A.; Abas, F.; Ismail, A.; Khatib, A.: Effect of Different Drying Treatments and Solvent Ratios on Phytochemical Constituents of *Ipomoea Aquatica* and Correlation with α -Glucosidase Inhibitory Activity. *International Journal of Food Properties* 2016, 19 (12), 2817–2831.
12. D. Yuliana, N.; Budijanto, S.; Hanny Wijaya, C.; Khatib, A.: Senyawa Inhibitor A-Glukosidase dan Antioksidan dari Kumis Kucing dengan Pendekatan Metabolomik Berbasis Ftir. *Jurnal Teknologi dan Industri Pangan* 2016, 27 (1), 17–30.
13. Khalid Hussain, Zhari Ismail, Amrin Sadikun, P. I.: Evaluation of Metabolic Changes in Fruit of *Piper Sarmentosum* in Various Seasons by Metabolomics Using Fourier Transform Infrared (FTIR) Spectroscopy. *International Journal of Pharmaceutical and Clinical Research* 2009, 1 (2), 68–71.
14. K.S.S., N.; ed.: *Insect Pests and Diseases in Indonesian Forest: An Assessment of the Major Threats, Research Efforts and Literature*; Center for International Forestry Research: Bogor, 2000.
15. Harmida, H.; Sarno, S.; Yuni, V.: Studi Etnofitomedika di Desa Lawang Agung Kecamatan Mulak Ulu Kabupaten Lahat Sumatera Selatan. *Jurnal Penelitian*

- Sains* 2011, 14 (1), 168287.
- 16. Kusriani, R. H.; Nawawi, A.; Turahman, T.: Uji Aktivitas Antibakteri Ekstrak dan Fraksi Kulit Batang dan Daun Sungkai (*Peronema Canescens* Jack) Terhadap *Staphylococcus Aureus* dan *Escherichia Coli*. *Jurnal Farmasi Galenika* 2015, 2 (1), 8–14.
 - 17. Formagio, A. S. N.; Volobuff, C. R. F.; Santiago, M.; Cardoso, C. A. L.; Vieira, M. D. C.; Pereira, Z. V.: Evaluation of Antioxidant Activity, Total Flavonoids, Tannins and Phenolic Compounds in *Psychotria* Leaf Extracts. *Antioxidants* 2014, 3 (4), 745–757.
 - 18. Sehwag, S.; Das, M. Antioxidant Activity: An Overview. *Journal of Food Science & Technology* 2013, 2 (3), 1–10.
 - 19. Yadav, A.; Kumari, R.; Yadav, A.; Mishra, J. P.; Srivatva, S.; Prabha, S.: Antioxidants and Its Functions in Human Body-A Review. *Res. Environ. Life Sci.* 2016, 11, 1328–1331.
 - 20. Kähkönen, M. P.; Hopia, A. I.; Vuorela, H. J.; Rauha, J. P.; Pihlaja, K.; Kujala, T. S.; Heinonen, M.: Antioxidant Activity of Plant Extracts Containing Phenolic Compounds. *Journal of Agricultural and Food Chemistry* 1999, 47 (10), 3954–3962.
 - 21. Gharagozloo, M.; Kalantari, H.; Rezaei, A.; Maracy, M. R.; Salehi, M.; Bahador, A.; Hassannejad, N.; Narimani, M.; Sanei, M. H.; Bayat, B.; Ghazanfari, H.: Antioxidants in Health and Disease. *Bratisl Lek Listy* 2015, 116 (5), 296–301.
 - 22. Radical, F.; Activity, S.; Alsophila, O. F.; Sm, J. Aktivitas penangkap radikal bebas dari batang pakis (*Alsophila Glauca* J. Sm). *Majalah Obat Tradisional*, 16(3) 2011, 16 (3), 156 – 160.
 - 23. Faliq, M.; Molyneux, P.: The Use of the Stable Free Radical Diphenylpicryl-Hydrazyl (DPPH) for Estimating Antioxidant Activity. *j. Sci. Technol.* 2004, 26 (2), 211–219.
 - 24. Rahmawati, R.; Muflihunna, A.; Sarif, L. M.: Analisis aktivitas antioksidan produk sirup buah mengkudu (*Morinda citrifolia* L.) Dengan metode DPPH. *Jurnal Fitofarmaka Indonesia* 2016, 2 (2), 97–101.
 - 25. Kiswandono, A. A.: Skrining senyawa kimia dan pengaruh metode maserasi dan refluks pada biji kelor (*Moringa oleifera*, lamk) terhadap rendemen ekstrak yang dihasilkan. *Jurnal Sains Natural* 2017, 1 (2), 126.
 - 26. Susanty, S.; Bachmid, F.: Perbandingan metode ekstraksi maserasi dan refluks terhadap kadar fenolik dari ekstrak tongkol jagung (*Zea Mays* L.). *Jurnal Konversi* 2016, 5 (2), 87.
 - 27. Mukhriani.: Ekstraksi, pemisahan senyawa, dan identifikasi senyawa aktif. *Jurnal Kesehatan* 2014, 7 (2), 361–367.
 - 28. Kristianingsih, I.; Wiyono, A. S.: Penggunaan Infusa Daun Alpukat (*Persea Americana* Mill.) dan Ekstrak Daun Pandan (*Pandanus Amarrifolius* Roxb) sebagai Peluruh Kalsium Batu Ginjal secara in Vitro. *Jurnal Wiyata* 2015, 2 (1), 93–101.
 - 29. Ellis, D. I.; Harrigan, G. G.; Goodacre, R.: Metabolic Fingerprinting with Fourier Transform Infrared Spectroscopy. *Metabolic Profiling: Its Role in Biomarker Discovery and Gene Function Analysis* 2003, 7, 111–124.
 - 30. Chew, K. K.; Khoo, M. Z.; Ng, S. Y.: Effect of Ethanol Concentration, Extraction Time and Extraction Temperature on the Recovery of Phenolic Compounds and Antioxidant Capacity of *Orthosiphon Stamineus* Extracts. *International Food Research Journal* 2011, 18 (4), 1427–1435.
 - 31. Siregar, Y. D. I.; Heryanto, R.; Riyadhi, A.; Lestari, T. H.; Nurlela.: Karakterisasi Karbon Aktif Asal Tumbuhan Dan Tulang Hewan Menggunakan FTIR Dan Analisis Kemometrika. *Jurnal Kimia Valensi* 2015, 1 (2), 103–116.

32. Salamah, N.; Widyasari, E. Aktivitas antioksidan ekstrak metanol daun kelengkeng (*Euphoria longan* (L) steud.) dengan metode penangkapan radikal 2,2'-difenil-1-pikrilhidrazil. *Pharmaciana* 2015, 5 (1), 25–34.
33. Aziz, Z.; Yuliana, N. D.; Simanjuntak, P.; Rafi, M.; Syamsudin.: FTIR and HPLC-Based Metabolomics of Yacon Leaves Extracts (*Smallanthus Sonchifolius* Robinson) from Two Locations in Indonesia. *Indonesian Journal of Chemistry* 2020, 20 (3), 567–578.
34. Rohaeti, E.; Karunina, F.; Rafi, M.: FTIR-Based Fingerprinting and Chemometrics for Rapid Investigation of Antioxidant Activity from *Syzygium Polyanthum* Extracts. *Indonesian Journal of Chemistry* 2021, 21 (1), 128–136.
35. Sahputra, F.: Potensi ekstrak kulit dan daging buah salak sebagai antidiabetes, Institut Pertanian Bogor, 2018.
36. Ayoola, G. A.; Coker, H. A. B.; Adesegun, S. A.; Adepoju-bello, A. A.; Obaweya, K.; Ezennia, E. C.; Atangbayila, T. O.: Phytochemical Screening and Antioxidant Activities of Some Selected Medicinal Plants Used for Malaria Therapy in Southwestern Nigeria. *Tropical Journal of Pharmaceutical Research* 2008, 7 (3), 1019–1024.
37. Rahardhian, M. R. R.; Murti, B. T.; Wigati, D.; Suharsanti, R.; Putri, C. N. Solvent Concentration Effect on Total Flavonoid and Total Phenolic Contents of *Averrhoa Bilimbi* Leaf Extract. *Pharmaciana* 2019, 9 (1), 137–144.
38. Chanda, S.; Dave, R.: In Vitro Models for Antioxidant Activity Evaluation and Some Medicinal Plants Possessing Antioxidant Properties: An Overview. *African Journal of Microbiology Research* 2009, 3 (13), 981–996.
39. Pavia, D. L.; Lampman, G. M.; Kriz, G. S.; Vyvyan, J. R. *Introduction to spectroscopy*, Fifth.; Cengage Learning: United States of America, 2015.
40. Guo, S. C.; Yu, S.; Qian, Y.; Hu, M. H.; Shan, M. Q.; Chen, P. D.; Chen, Y. Y.; Zhang, L.; Ding, A. W.; Wu, Q. N.; Li, S. F. Y.: Correlation of Antioxidant Activity and Volatile Oil Chemical Components from *Schizonepeta Tenuifolia* Herbs by Chemometric Methods. *International Journal of Food Properties* 2017, 20 (1), 1082–1092.